

# United States Senate

WASHINGTON, DC 20510

May 22, 2009

The Honorable Daniel K. Inouye  
Chairman  
Senate Committee on Appropriations  
United States Capitol, Room S-128  
Washington, DC 20510

The Honorable Thad Cochran  
Vice Chairman  
Senate Committee on Appropriations  
United States Capitol, Room S-146A  
Washington, DC 20510

The Honorable Byron L. Dorgan  
Chairman  
Senate Committee on Appropriations  
Subcommittee on Energy and Water  
Development  
186 Dirksen Senate Office Building  
Washington, DC 20510

The Honorable Robert Bennett  
Ranking Member  
Senate Committee on Appropriations  
Subcommittee on Energy and Water  
Development  
184 Dirksen Senate Office Building  
Washington, DC 20510

Dear Chairmen and Ranking Members:

As the Committee begins its consideration of the FY10 Energy and Water Development and Related Agencies Appropriations Act, we are writing to request support for the attached projects. **These projects are listed in no particular order.**

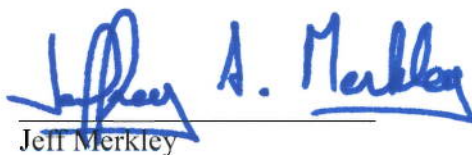
Additionally, we support the following national programs funded by the Energy and Water Development and Related Agencies Appropriations bill which provide vital support to Oregon's communities. These programs include the Consortium for Plant and Biotechnology Research, the Department of Energy's Office of Science, Energy Efficiency and Conservation Block Grant Program, Weatherization Assistance Program (WAP), State Energy Program (SEP), Industrial Technologies Program (ITP), the Building Technologies Program, Energy Information Administration (EIA), Solar Energy Technologies Program, Geothermal Technologies Program (GTP), Hydropower Technologies Program, Wind Energy Technologies Program, and Ocean/Marine Renewable Technologies.

Consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate, we certify that neither ourselves' nor any member of our immediate family has a pecuniary interest in any of the congressionally directed spending items that we have requested in the fiscal year 2010 Energy and Water Development and Related Agencies Appropriations bill and report.

Thank you for your consideration of these worthy projects. We appreciate your strong and continued leadership and look forward to working with you this year on funding vital to our nation. If you have any questions, please contact Mr. Isaiah Akin in Senator Wyden's office at 224-5244 or Ms. Courtney Thompson in Senator Merkley's office at 224-7648.

Sincerely,

  
Ron Wyden  
United States Senator

  
Jeff Merkley  
United States Senator



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Deschutes Project Water Conservation

**Project Recipient Name, Phone Number, Address:** U.S. Bureau of Reclamation, Pacific Northwest Region; Bill McDonald, Regional Director, (208) 378-5385, 1150 N. Curtis Road, suite 100, Boise, Idaho 83706-1234

**Project Location:** Oregon's Deschutes Basin, encompassing a nearly 7 million acre-area across Jefferson, Deschutes and Crook Counties.

**Project Purpose:** Increasing Reclamation's current Deschutes Project funding level so Reclamation may award larger grants, cost-shared at 50%, to Deschutes Basin irrigation districts to continue their efforts to pipe and line open irrigation canals; conserving water, reducing electricity use and increasing instream flows for federally listed fisheries (steelhead, bull trout) and other federal species of concern.

**Project Benefit to the Taxpayer:** The 7 irrigation districts have undertaken an unprecedented effort to conserve water, reduce energy use, increase small hydropower generation, and increase instream flows for listed fisheries in the Deschutes and Crooked Rivers, Whychus and Tumalo Creeks. All of these actions provide significant economic and environmental benefits to the U.S. taxpayer.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** 0

**FY 2009 Funding Level (\$ in Thousands):** \$581

**Member's FY 2010 Funding Request (in thousands):** \$5,000



**Type of Entity:** Federal Government.

**Number of Jobs Created:** We estimate 7-10 jobs could be created through this appropriation; however, these projects will likely sustain additional jobs that may otherwise be lost. All federal funds are anticipated to be utilized for materials and labor construction activities. These jobs will be in material fabrication and construction activities and are considered family wage jobs.

**New Study or Construction Start:** No.



# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Tumalo Water Conservation Project – Tumalo Feed Canal

**Project Recipient Name, Phone Number, Address:**

Tumalo Irrigation District  
64697 Cook Ave.  
Bend, OR, 97701  
541-382-3053  
Executive Director: Elmer McDaniels

**Project Location (if different from above):** Same as above.

**Project Purpose:** Project will pipe approximately 6 miles of open canal

**Project Benefit to the Taxpayer:**

Conserved water will be permanently protected in stream, restoring flows in Tumalo Creek and the Deschutes River.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (in thousands):** \$4,000

**Type of Entity:** Local Government

**Number of Jobs Created:** 20

New Study or Construction Start:

Yes

## REQUEST FORM

Member: Senators Wyden and Merkley

Priority: \_\_\_\_ of \_\_\_\_

Member Staff Contact (name and direct phone #): Janiah Akin - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Tumalo Water Conservation Project - Tumalo Feed Canal

Project Recipient Name, Phone Number, Address:

Tumalo Irrigation District

64697 Cook Ave.

Band, OR 97701

541-385-3053

Executive Director: Elmer McDaniel

Project Location (if different from above): Same as above

Project Purpose: Project will pipe approximately 6 miles of open canal

Project Benefit to the Taxpayer:

Conserved water will be permanently protected in stream, restoring flows in Tumalo Creek and the Deschutes River

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: Water and Related Resources

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (in thousands): \$4,000

Type of Entity: Local Government

Number of Jobs Created: 20

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Deschutes Ecosystem Restoration Project

**Project Recipient Name, Phone Number, Address:** Deschutes River Conservancy, 700 NW Hill St, Bend, OR 97701

**Project Location:** Oregon's upper Deschutes Basin, primarily Deschutes, Crook, and Jefferson Counties.

**Project Purpose:** This project will support collaborative water management, water banking, and large-scale water conservation in the upper Deschutes Basin. The majority of the requested funding will be invested in water conservation projects with local irrigation districts. The project will improve water supplies and restore unprecedented amounts of stream flow to the Deschutes River and its tributaries.

**Project Benefit to the Taxpayer:** This project will improve habitat for federally listed salmon and steelhead trout while enhancing water supplies for local irrigation districts. It will meet the Bureau of Reclamation's obligations to listed species under the Deschutes Project. This project will also create or maintain fifty jobs in the construction, engineering and natural resources industries.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level(\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$145

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,000

**Type of Entity:** Not-for-Profit



**Number of Jobs Created: 50**

**New Study or Construction Start (Y/N): No**

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Surface Water Treatment with Hydro Power

**Project Recipient Name, Phone Number, Address:**

City of Bend Public Works  
Water Division  
62975 Boyd Acres Road  
Bend OR 97701  
541-317-3029

**Project Location:** Bend, OR

**Project Purpose:** The City of Bend has one of the few remaining unfiltered water systems and under the new federal Safe Drinking Water Act requirements the City is required to have a treatment system in place for this water source by 2012. Given this federal requirement, as well as the need to replace deteriorating infrastructure, the City has initiated a study to determine the most feasible solution for rebuilding and updating the water intake system. Early indications show that this facility is a prime candidate for upgrade with the added component of hydro power without creating any new impacts to the surrounding ecosystems. In addition, the conveyance lines are 80 years old and showing signs of stress. Replacing these lines ensures the conveyance reliability, and adds a hydro electric facility that is estimated to generate 1.2 to 1.5 MW of power.

**Project Benefit to the Taxpayer:** Benefits include producing green hydro energy, allowing the USFS lower cost solutions for managing the forest within the watershed, and potentially making the watershed more available to public use. In addition, the project would create many jobs for construction that could last anywhere from one to four years. The project would also create a few long term jobs for operation of the hydro and treatment facilities.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** 0

**FY 2009 Funding Level (\$ in Thousands):** 0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,700

**Type of Entity:** Local Government

**Number of Jobs Created:** Between 150 and 175

**New Study or Construction Start:** Yes, Design in 2009, construction in 2010;



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Stanfield Irrigation Project

**Project Recipient Name, Phone Number, Address:** Stanfield Irrigation District. PO Box 416, Stanfield, OR 97875, 541-449-3272

**Project Location (if different from above):** same as above

**Project Purpose:** The purpose of this project is to undertake a number of projects that will improve efficiency in water delivery and minimize losses within the district delivery system. These projects include the planning, construction, and supplies for:

- (1) A re-regulation pond
- (2) Replacement of 9,200 feet of aging concrete
- (3) Relining 3,500 feet of the main canal
- (4) An end pond recovery pump system

**Project Benefit to the Taxpayer:** The water conserved through more efficient irrigation practices will help support fish recovery in the Umatilla River Basin, as well as providing year-round jobs.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$400

**Type of Entity (choose one: Federal, State, or Local Government, University, Not-**

**for-Profit, or Private Company):** Local Government

**Number of Jobs Created:** 5-6

**New Study or Construction Start (Y/N):** No

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Wallowa Lake Dam Rehabilitation and Water Management Program

**Project Recipient Name, Phone Number, Address:** Associated Ditch Company, Tom Butterfield President, 541-432-6385, 85381 Bicentennial Lane, Joseph, OR 97846

**Project Location (if different from above):** Wallowa Lake, near Joseph, Oregon affecting Wallowa Valley

**Project Purpose:** To rehabilitate the dam at Wallowa Lake, providing for improved water management that will serve the needs of agriculture, flood control, salmon recovery, fish and wildlife habitat, and maintain water levels at the lake—helping maintain assets for recreation and tourism.

**Project Benefit to the Taxpayer:** Maintains fish habitat by keeping flows in the Wallowa River in the late summer months, as well as providing flood control and allowing agricultural uses.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,000

**Type of Entity:** Not-for-profit

**Number of Jobs Created:** 20-30



**New Study or Construction Start (Y/N):** Yes, construction start

## REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_ of \_\_\_

Member Staff Contact (name and direct phone #): Isiah Akia - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Willows Lake Dam Rehabilitation and Water Management Program

Project Recipient Name, Phone Number, Address: Associated Ditch Company, Tom Butterfield President, 541-432-6382, 82181 Bicentennial Lane, Joseph, OR 97846

Project Location (if different from above): Willows Lake, near Joseph, Oregon affecting Willows Valley

Project Purpose: To rehabilitate the dam at Willows Lake, providing for improved water management that will serve the needs of agriculture, flood control, salmon recovery, fish and wildlife habitat, and maintain water levels at the lake—helping maintain assets for recreation and tourism.

Project Benefit to the Taxpayer: Maintains fish habitat by keeping flows in the Willows River in the late summer months, as well as providing flood control and allowing agricultural uses.

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: Water and Related Resources

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 22,000

Type of Entity: Not-for-profit

Number of Jobs Created: 20-30

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** General Investigations, Walla Walla Watershed, OR & WA

**Project Recipient Name, Phone Number, Address:**

Walla Walla District Corps of Engineers  
201 N. Third Avenue  
Walla Walla, Washington 99362  
Phone: (509) 527-7615

**Project Location (if different from above):** Walla Walla River Basin - Umatilla, Wallowa, and Union Counties, OR and Walla Walla and Columbia Counties, Washington

**Project Purpose:** The U.S. Army Corps Engineers and the Confederated Tribes of the Umatilla Indian Reservation (CTUIR) are co-sponsoring the Walla Walla River Basin Feasibility Report/Environmental Impact Statement for the restoration and management of a viable ecosystem within the Walla Walla River Basin. The FR/EIS will evaluate and recommend alternatives to achieve the established restoration objectives. The FR/EIS is expected to be completed in mid-2010.

**Project Benefit to the Taxpayer:** Development of a new, stable water supply source that restores instream flows for fish and protects agricultural water uses. Completion of the Walla Walla Basin general investigation will allow Congress to authorize a large, new water project that will develop new jobs, increase and diversify the tax base by restoring salmon and creating a new fishery for the CTUIR, and for the local and regional commercial and sports fisheries. This effort will also protect and enhance the irrigated agricultural economy of the basin.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - General

Investigations

**FY 2008 Funding Level (\$ in Thousands): \$197**

**FY 2009 Funding Level (\$ in Thousands): \$309**

**Member's FY 2010 Funding Request (\$ in Thousands): \$500**

**Type of Entity:** Federal Government

**Number of Jobs Created:** 10 to 55.

**New Study or Construction Start (Y/N):** No



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_ of \_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Umatilla Basin, Oregon Water Supply Study

**Project Recipient Name, Phone Number, Address:**

U.S. Bureau of Reclamation  
Pacific Northwest Regional Office  
1150 North Curtis Road, Suite 100  
Boise, Idaho 83706-1234  
Phone: (208) 378-5087

**Project Location (if different from above):** Umatilla County, Oregon

**Project Purpose:** Funds will be used by the Bureau of Reclamation to complete the water supply study, an engineering and hydrologic study being conducted concurrent with the Umatilla Tribe Indian Water Rights Assessment Team study, to determine projects necessary to provide for water supply needs to satisfy the Treaty of 1855 reserved water rights of the Confederated Tribes of the Umatilla Indian Reservation (CTUIR).

**Project Benefit to the Taxpayer:** The water projects identified in the Bureau's Water Supply Study will provide the information necessary for a negotiated solution to the Tribe's reserved water rights. A negotiated settlement will preclude litigation. Water project construction will provide construction jobs and when operational, projects will enable the development of about 20,000 acres of new agriculture and protect existing non-Indian agriculture. Taxpayer benefits – jobs, economic development, and avoiding litigation.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands): \$488**

**FY 2009 Funding Level (\$ in Thousands): \$250**

**Member's FY 2010 Funding Request (\$ in Thousands): \$150**

**Type of Entity: Federal**

**Number of Jobs Created:** Dozens during construction, 50-100 or more once operational.

**New Study or Construction Start (Y/N): N**

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_ of \_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Milton-Freewater Emergency Levee Rehabilitation Project

**Project Recipient Name, Phone Number, Address:** Umatilla County, 216 S.E. 4<sup>th</sup> Street, Pendleton, OR 97801. (541) 278-6203

**Project Location (if different from above):** Near the City of Milton-Freewater, OR

**Project Purpose:** The Nursery Bridge Diversion Dam, in combination with downstream levees, provides flood control for the City of Milton-Freewater and the surrounding agricultural land. Erosion endangers the foundation and integrity of the dam. It is this condition that has resulted in an “Unacceptable” rating by the Army Corps of Engineers. If no action is taken to prevent further erosion, the failure of the dam is imminent. To reduce the threat to the local populace and property, Umatilla County is seeking maintenance to be performed on the dam.

**Project Benefit to the Taxpayer:** Investing in repairs now to the Nursery Bridge Diversion Dam will prevent catastrophe in the future and, in the end, save taxpayers money.

**Agency/Account (choose one):** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - General Construction

**FY 2008 Funding Level (\$ in Thousands):** 0

**FY 2009 Funding Level (\$ in Thousands):** 0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,000



**Type of Entity:** local government

**Number of Jobs Created:** 15-30 jobs estimated to be created.

**New Study or Construction Start (Y/N):** Yes

**Report Language Requested:**

*Walla Walla River Levee Repair, Oregon.* The project for flood control on the Walla Walla River at Milton-Freewater, Oregon authorized by Section 2 of the Flood Control Act of 1941 (Public Law 77-228, 77th Congress, 1st session) is modified to direct the Secretary to provide for a one time repair/rehabilitation of the Nursery Bridge diversion dam and associated levee to insure continued eligibility under the Corps of Engineers Emergency Rehabilitation Assistance Program (Public Law 84-99). This repair shall be cost shared at the same percentages as the original project construction. Within the funds provided (\$1,000,000), the Secretary is directed to plan, design and construct the necessary repairs.

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Accelerating Marine Renewable Energy Development in the U.S.

**Project Recipient Name, Phone Number, Address:**

Oregon State University  
204 Rogers Hall  
Corvallis, Oregon 97331-4501  
(541) 737-7019

**Project Location (if different from above):** Work will be conducted on the main campus, in Corvallis Oregon and in Newport at the Hatfield Marine Science Center

**Project Purpose:** The proposed funding will supplement the DOE's Northwest National Marine Renewable Energy Center (NNMREC) by: Developing mobile (non-grid connected) floating test infrastructures- one for wave and one for tidal energy device testing; funding analysis of the potential impacts of the infrastructure and devices on the marine ecosystems by conducting ecological and environmental studies and modeling and analyzing the potential impacts of marine energy infrastructure and devices on the "human dimension."

**Project Benefit to the Taxpayer:** The earth's oceans provide an extremely abundant and promising source of energy in the form of wave, tidal, marine current, thermal and salinity. According to an Electric Power Research Institute (EPRI) report, the Oregon coast is an ideal place for demonstrating and analyzing the potential for wave energy and the Puget Sound in Washington State holds similar potential for tidal energy. Renewable energy will reduce the US's dependence on foreign oil and polluting sources of power generation.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$1,250 (Department of Energy competitive grant)

**FY 2009 Funding Level (\$ in Thousands):** \$2,300 (fiscal year 2009 Energy and Water appropriations bill congressionally directed spending item)

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,058

**Type of Entity:** University

**Number of Jobs Created:** 22 to 24.

**New Study or Construction Start (Y/N):** No



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Port of Siuslaw Annual Maintenance Dredging

**Project Recipient Name, Phone Number, Address:**

Port of Siuslaw  
PO Box 1220  
Florence, OR 97439  
Tel: (541) 997-3426

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested for the annual maintenance dredging of the Siuslaw River and turning basin; ocean disposal site study; and North and South jetty evaluations as authorized by the Rivers and Harbor Act of: 19 Sep 1890, 25 Jun 1910, 3 Mar 1925, 3 Jul 1958. Section 107 Project in 1960. Public Law 96-367; 1 Oct 1980.

**Project Benefit to the Taxpayer:** Funding for this project would maintain the bar and main channel to the authorized depths, ensure safe navigation for large and small boats, and allow the Port of Siuslaw to foster commerce and economic development.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$691

**FY 2009 Funding Level (\$ in Thousands):** \$591

**Member's FY 2010 Funding Request (\$ in Thousands):** \$647

**Type of Entity (choose one: Federal, State, or Local Government, University, Not-**

**for-Profit, or Private Company):** Local Government

**Number of Jobs Created:** The actual project will create 6-10 skilled personnel jobs for a few days, but at least 80 commercial fishing and dependent industry jobs could be lost if channel depths are not restored. Over 555 additional retail and commercial jobs in Old Town Florence could be impacted by restrictions on use of the waterway.

**New Study or Construction Start (Y/N):** N

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Lane Community College Energy Demonstration Building

**Project Recipient Name, Phone Number, Address:** Lane Community College, 541-463-5312, 4000 East. 30<sup>th</sup> Avenue, Eugene, Oregon 97405

**Project Location (if different from above):** 1059 Willamette Street, Eugene, Oregon 97401

**Project Purpose:** Lane's Center for Energy Transformation supports sustainable energy and water use in a commercial setting. The center serves local, regional, statewide, and national education, workforce, and business needs through energy efficiency and renewable energy workforce training and by advancing renewable energy technologies, training, and business opportunities. Funding would pay for equipment to make this project possible.

**Project Benefit to the Taxpayer:** This project benefits taxpayers by building capacity for the new green economy while providing immediate jobs in construction for the project's implementation. Lane's central location in the state and the state's abundant natural resources make the Center for Energy Transformation an ideal project that will create statewide jobs, train workers, and, potentially, create exportable new technologies in the green energy sector.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0



**Member's FY 2010 Funding Request (\$ in Thousands): \$2,058**

**Type of Entity:** University

**Number of Jobs Created:** 15 to 30

**New Study or Construction Start (Y/N):** N

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Energy Smart Schools Initiative

**Project Recipient Name, Phone Number, Address:**

Springfield School District 19  
Administration Building  
525 Mill Street  
Springfield, OR 97477  
541.726.3201

**Project Location (if different from above):** Same as Above

**Project Purpose:** Funding is requested for Springfield Public Schools to complete a District-wide assessment of its energy requirements, develop recommendations, and begin early implementation of a plan to make District facilities energy efficient, reduce energy costs, and improve the learning and teaching environment in District schools. While most of a school district's costs are fixed, utility costs can be reduced when appropriate strategies are implemented. Eighteen of the District's schools are more than 40 years old, and eight of those 18 are more than 50 years old. All funds would be used to undertake a highly detailed audit of energy consumption in the 30 district buildings. The audit would review and evaluate current system efficiency and compile prioritized recommendations and strategies for remediation, building upon the District's comprehensive 2006 Facilities Advisory Report.

**Project Benefit to the Taxpayer:** The District spends about \$2 million a year for electricity, water and sewer, and heating fuel costs to serve 25 schools and 5 satellite facilities. Savings of 5–20% would yield \$100,000–\$400,000 that could be well used in the classroom.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$650

**Type of Entity:** Local Government

**Number of Jobs Created:** 8 to 10.

**New Study or Construction Start (Y/N):** Y



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Bio-Energy Facility

**Project Recipient Name, Phone Number, Address:** Lane County

Lane County  
125 East 8th Avenue  
Eugene, OR 97401  
(541) 682-6504

**Project Location (if different from above):** Same as Above

**Project Purpose:** Funding is requested to support the construction of the Lane County BioEnergy Facility, where local and regional low-value agricultural and municipal organic wastes will be processed, through a variety of conversion technologies, to produce high-value, clean, renewable energy, biofuels and green bio-products. The facility will convert grass straw waste and other feedstocks to cellulosic ethanol, electricity and pellets. The Facility integrates proven off-the-shelf conversion technologies at one site to capture efficiencies and lower costs. By utilizing waste streams from one process as input to another process, operational costs can be dramatically reduced and energy output substantially increased.

**Project Benefit to the Taxpayer:** Lane County BioEnergy Facility is a near-term viable option for adding economic value to annual ryegrass straw through renewable energy and fuel production as an alternative to field burning. Once the commercial viability of the initial BioEnergy Facility is demonstrated, it can be scaled into a series of similar plants throughout the state of Oregon.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,058

**Type of Entity:** Local Government

**Number of Jobs Created:** approximately 94

**New Study or Construction Start (Y/N):** Y

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Amazon Creek, OR, General Investigation Feasibility Study

**Project Recipient Name, Phone Number, Address:**

City of Eugene  
777 Pearl Street, Room 105A  
Eugene, OR 97401  
(541) 682-8441

**Project Location (if different from above):** same as above

**Project Purpose:** The purpose of this project is to complete planning and begin construction of the continuing Amazon Creek General Investigation Study. The Section 905-b analysis was completed by the Corps in 2002. In 2003, the local sponsors signed a feasibility cost-share agreement. A “Without Project Conditions Report” was completed in 2005. The Corps completed its evaluation of restoration project costs and an incremental cost analysis of the project concepts in 2007.

**Project Benefit to the Taxpayer:** This project meets the federal interest in water conservation and aquatic ecosystem restoration as authorized in the Water Resources Development Act.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - General Investigations

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$287

**Member’s FY 2010 Funding Request (\$ in Thousands):** \$750



**Type of Entity:** Local Government

**Number of Jobs Created:** approximately 200

**New Study or Construction Start (Y/N):** No.

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Coordinated Resource Offering Protocol (CROP) – Biomass Inventory

**Project Recipient Name, Phone Number, Address:** Oregon Department of Energy, 625 Marion St. NE, Salem, OR 97301, (503) 378-8278

**Project Location (if different from above):** same as above

**Project Purpose:** This project would provide a digital inventory and forecasting basis for determining readily available biomass resources. It would also cut greenhouse gas emissions by reducing fuel loads in forests and increase forest health. Greenhouse gas reductions would also come from increased utilization of biofuels; displacing or reducing the use and dependency on fossil fuels.

**Project Benefit to the Taxpayer:** This project has the potential to increase the development of biomass from increased knowledge of existing and future feedstock inventory. This investment would lead to improved energy security from reduced reliance on fossil fuels. There is an added benefit of reduced expenditures tied to fighting large wildland fires.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$600

**Type of Entity:** State Government

**Number of Jobs Created:** Three for database/mapping work; the inventory can lead to dozens of jobs in forest communities and in biomass energy facilities.

**New Study or Construction Start (Y/N):** N



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Community Energy Planning Initiative

**Project Recipient Name, Phone Number, Address:** Oregon Department of Energy, 625 Marion St. NE, Salem, OR 97301, (503) 378-8278

**Project Location (if different from above):** same as above

**Project Purpose:** This project would help communities develop renewable energy projects, maximize energy efficiency and combat global warming, by turning community strategies and plans into actions that will create jobs. It would also develop terrestrial carbon sequestration and reduce greenhouse gas emissions by working with the agriculture and forestry industries.

**Project Benefit to the Taxpayer:** This project would help Oregon's rural counties offset the loss of jobs due to reductions in federal timber payments and overall job losses due to the economic downturn. Communities can use this template to address climate change and/or plan for development of renewable energy projects.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$725

**Type of Entity:** State Government

**Number of Jobs Created:** Two

New Study or Construction Start (Y/N): N

REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akin - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Community Energy Planning Initiative

Project Recipient Name, Phone Number, Address: Oregon Department of Energy, 625 Marion St NE, Salem, OR 97301, (503) 378-8278

Project Location (if different from above): same as above

Project Purpose: This project would help communities develop renewable energy projects, maximize energy efficiency and combat global warming by turning community strategies and plans into actions that will create jobs. It would also develop terrestrial carbon sequestration and reduce greenhouse gas emissions by working with the agriculture and forestry industries.

Project Benefit to the Taxpayer: This project would help Oregon's rural counties offset the loss of jobs due to reductions in federal timber payments and overall job losses due to the economic downturn. Communities can use this template to address climate change and/or plan for development of renewable energy projects.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 50

FY 2009 Funding Level (\$ in Thousands): 50

Member's FY 2010 Funding Request (\$ in Thousands): 2725

Type of Entity: State Government

Number of Jobs Created: Two

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Geo-Heat Center at the Oregon Institute of Technology

**Project Recipient Name, Phone Number, Address:** Oregon Department of Energy, 625 Marion St. NE, Salem, OR 97301. (503) 378-8278

**Project Location (if different from above:** Oregon Institute of Technology, 3201 Campus Dr., Klamath Falls, OR 97601

**Project Purpose:** The Geo-Heat Center helps consumers understand and use renewable energy resources. Geothermal energy provides a reliable baseload source of electricity, is a source of heating and is used in drying agricultural products. Renewable resources help provide energy independence.

**Project Benefit to the Taxpayer:** The Geo-Heat Center transfers technological information to consultants, developers, potential users and the public. The Center's resources are available free to the public. The Center's technical assistance extends to all 50 states

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$500

**Type of Entity:** State Government

**Number of Jobs Created:** No new jobs are created by this request. It only maintains



current jobs

New Study or Construction Start (Y/N): N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Energy Project Siting Assessments

**Project Recipient Name, Phone Number, Address:** Oregon Department of Energy, 625 Marion St. NE, Salem, OR 97301, (503) 378-8278

**Project Location (if different from above):** same as above

**Project Purpose:** Section 311 of the Energy Policy Act of 2005 preempted Oregon's centralized review of energy facility siting applications for LNG terminals and wave energy facilities. This project will allow Oregon to evaluate proposed energy facilities and ensure they meet Oregon siting standards. Funding would also allow work to begin on geologic sequestration determinations.

**Project Benefit to the Taxpayer:** This funding will help Oregon more fully assess the needs and impacts of these proposed energy facilities and to determine if they meet Oregon's siting standards, which include impacts on public safety, health and the environment.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$720

**Type of Entity:** State Government

**Number of Jobs Created:** Four

New Study or Construction Start (Y/N): N

FY 2010 Energy and Water Development Subcommittee Appropriations Bill

## REQUEST FORM

Member: Senators Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone W): Isaiah Akin - Wyden (4-0274) and  
Courtney Thompson - Merkley (4-7648)

Project Name: Energy Project Siting Assessments

Project Recipient Name, Phone Number, Address: Oregon Department of Energy,  
625 Marion St. NE, Salem, OR 97301, (503) 328-8278

Project Location (if different from above): same as above

Project Purpose: Section 311 of the Energy Policy Act of 2005 preempted Oregon's  
centralized review of energy facility siting applications for LNG terminals and wave  
energy facilities. This project will allow Oregon to evaluate proposed energy facilities  
and ensure they meet Oregon siting standards. Funding would also allow work to begin  
on geologic sequestration determinations.

Project Benefit to the Taxpayer: This funding will help Oregon more fully assess the  
needs and impacts of these proposed energy facilities and to determine if they meet  
Oregon's siting standards, which include impacts on public safety, health and the  
environment.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency  
and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 2720

Type of Entity: State Government

Number of Jobs Created: Four



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_ of \_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Oregon Oversight of Hanford Cleanup

**Project Recipient Name, Phone Number, Address:**

Oregon Department of Energy  
625 Marion Street NE  
Salem OR 97301  
503-378-4906

**Project Location (if different from above):** same as above

**Project Purpose:** Funds will pay for the State of Oregon's oversight and involvement with Hanford cleanup, including technical review, emergency planning activity and drills, radioactive material transport safety planning and public information activities.

**Project Benefit to the Taxpayer:** Radioactive and chemically hazardous waste at the Hanford nuclear site poses a long-term threat to the Columbia River and the citizens of Oregon. Cleanup of the nuclear weapons wastes at Hanford is of critical importance to Oregon and requires Oregon's active involvement.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Environmental Management – Defense

**FY 2008 Funding Level (\$ in Thousands):** \$750

**FY 2009 Funding Level (\$ in Thousands):** \$750

**Member's FY 2010 Funding Request (\$ in Thousands):** \$750

**Type of Entity:** State Government

**Number of Jobs Created:** None created, will retain five current positions

**New Study or Construction Start (Y/N):** N

**Report language requested:** "The committee is aware that the U.S. Department of Energy provides approximately \$750,000 per year to the State of Oregon to cover costs of its oversight of Hanford cleanup, including emergency drills, transportation planning activities, technical review of DOE's waste management and clean-up plans, participation in the Hanford Advisory Board meetings and other meetings at Hanford. The Committee recommends this DOE contribution be maintained at \$750,000 to pay for costs associated with Oregon's oversight and involvement with Hanford cleanup."



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Willamette Falls Locks

**Project Recipient Name, Phone Number, Address:** Willamette Falls Locks, City of West Linn, 22500 Salamo Rd, West Linn, OR 97068. (503) 657-0331

**Project Location (if different from above):** West Linn, Willamette River

**Project Purpose:** This funding is necessary to fund the ongoing operations & repair of one or more lock gates at Willamette Falls. The Corps of Engineers has recently begun a required inspection of the locks, but there is no funding for significant repairs or for replacement of lock gates. In addition, this funding will provide for the regular program operation of the locks, keeping them open to recreational, commercial, and industrial traffic. This will help prevent permanent closure of this historic and important transportation link, while a group of local, state federal and private sector entities develop a management plan for the continued long term operation of the locks.

**Project Benefit to the Taxpayer:** This project preserves a major lock system on the Willamette River. Major commerce throughout Clackamas County is dependent on the upkeep of this lock. Sustaining river traffic is an economic multiplier for the area, specifically for Oregon City.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$318



**Type of Entity:** Local Government

**Number of Jobs Created:** approximately 15 construction & operations related jobs

**New Study or Construction Start (Y/N):** N

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** The Northwest Water Solutions and Education Initiative: Environmental technologies for clean water and stormwater protection

**Project Recipient Name, Phone Number, Address:**

The Sustainable Plant Research and Outreach Center (SPROut)  
at Chemeketa Community College  
503-584-7252, SPROut Director, Renee Stoops  
PO Box 155; Silverton, OR 97381

**Project Location (if different from above):** SPROut's coordinating efforts are located in Silverton, but this project will involve partners and locations state-wide in Oregon.

**Project Purpose:** Environmental technologies that strategically favor the use of plant material have been increasingly used to reduce stormwater flows/flooding, prevent erosion, remove suspended sediment and other pollutants from water, restore aquatic ecosystems, and improve the quality of public natural resources. This project would expand SPROut to address critical gaps in Northwestern stormwater solution implementation, clean water ecology, and technology transfer to the public and to the workforce.

**Project Benefit to the Taxpayer:** This Project will promote job creation and training in emerging phytotechnology fields that directly address environmental challenges facing our public water resources. The resulting solutions are often more cost-effective and show more sustainable results, reducing the tax-payer's financial burden as well as providing a healthier environment in which to live.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - General Provision

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands): \$0**

**Member's FY 2010 Funding Request (\$ in Thousands): \$800**

**Type of Entity:** University

**Number of Jobs Created:** Approximately 50

**New Study or Construction Start (Y/N): Y**

FY 2008 Funding Level (\$ in Thousands): 50

Program Account Name and sub account if applicable: ACOE - General Provision

Agency: Army Corps of Engineers

Project Benefit to the Taxpayer: This Project will promote job creation and training in emerging photovoltaic technology fields that directly address environmental challenges facing our public water resources. The resulting solutions are often more cost-effective and show more sustainable results, reducing the tax-payer's financial burden as well as providing a healthier environment in which to live.

Project Purpose: Environmental technologies that strategically favor the use of plant material have been increasingly used to reduce stormwater flow/flooding, prevent erosion, remove suspended sediment and other pollutants from water, restore aquatic ecosystems, and improve the quality of public natural resources. This project would expand SPROut to address critical gaps in Northwestern stormwater solution implementation, clean water ecology, and technology transfer to the public and to the workforce.

Project Location (if different from above): SPROut's coordinating efforts are located in Silverton, but this project will involve partners and locations state-wide in Oregon.

Project Recipient Name, Phone Number, Address:  
The Sustainable Plant Research and Outreach Center (SPROut)  
at Chemeketa Community College  
503-584-7252, SPROut Director, Renee Sloope  
PO Box 122, Silverton, OR 97381

Project Name: The Northwest Water Solutions and Education Initiative: Environmental technologies for clean water and stormwater protection

Member Staff Contact (name and direct line):  
Courtney Thompson - Marketing (4-7648)

Priority: \_\_\_ of \_\_\_

Member: Senators Wyden and Merkley

FY 2010 Energy and Water Development Subcommittee Appropriations Bill



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Silver Creek Dam Early Warning System

**Project Recipient Name, Phone Number, Address:** City of Silverton, 503-874-2205, 306 S. Water Street, Silverton, OR 97381

**Project Location (if different from above):** 4381 Silver Falls Drive, Silverton Oregon

**Project Purpose:** To provide residents of Silverton with an early warning notification that allows evacuation time in advance of a breach of Silver Creek Dam. The system would use automated monitoring of the dam structure and a system of sirens for notification.

**Project Benefit to the Taxpayer:** This project would provide a higher level of assurance that loss of life would be prevented in the event of a breach of Silver Creek Dam. The dam is located within 2 miles upstream of downtown Silverton and potentially could inundate over 1400 residential and commercial properties.

**Agency/Account (choose one):** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$770

**Type of Entity:** Local Government

**Number of Jobs Created:** 3 to 5

**New Study or Construction Start (Y/N): Y**

## REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Keith Akin - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Silver Creek Dam Early Warning System

Project Recipient Name, Phone Number, Address: City of Silverton, 503-874-2202, 306 S. Water Street, Silverton, OR 97381

Project Location (if different from above): 4381 Silver Falls Drive, Silverton Oregon

Project Purpose: To provide residents of Silverton with an early warning notification that allows evacuation time in advance of a breach of Silver Creek Dam. The system would use automated monitoring of the dam structure and a system of sirens for notification.

Project Benefit to the Taxpayer: This project would provide a higher level of assurance that loss of life would be prevented in the event of a breach of Silver Creek Dam. The dam is located within 2 miles upstream of downtown Silverton and potentially could inundate over 1400 residential and commercial properties.

Agency/Account (choose one): Bureau of Reclamation

Program Account Name and sub account if applicable: Water and Related Resources

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 2770

Type of Entity: Local Government

Number of Jobs Created: 2 to 5

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Coastal Data Information Program – Waves and Beaches  
*(In discussion with Senate subcommittee staff, starting in FY2009 the Coastal Data Information Program and Southern California Beach Processes Study requests have been combined because the programs have been fully integrated.)*

**Project Recipient Name, Phone Number, Address:**

Scripps Institution of Oceanography  
9500 Gilman Drive, MC 0210  
La Jolla, CA 92093-0210  
(858) 534-4849

**Project Location (if different from above):** Coastal Oregon and along the entire U.S. west coast, the Atlantic coast, the Hawaiian Islands, and Guam.

**Project Purpose:** The Coastal Data Information Program (CDIP) measures, models, and forecasts ocean waves, and then disseminates the information in real-time to the National Weather Service and to more than 80,000 users per day via the internet. Wave data from CDIP's Umpqua buoy – located just outside of Coos Bay – provide timely information on ocean conditions for the marine community at large.

**Project Benefit to the Taxpayer:** CDIP's wave data is accessed on a regular basis by the ACOE, the National Weather Service, the Coast Guard, and thousands of fishermen, coastal engineers, boaters, bar pilots, harbormasters, lifeguards, divers and recreational ocean users in Oregon and around the country for accurate and timely wave data that ensures maximum marine safety. If this wave data were not provided, life and property would be at risk.

**Agency:** Army Corps of Engineers



**Program Account Name and sub account if applicable:** ACOE - General Investigations

**FY 2008 Funding Level (\$ in Thousands):** \$2,000 (CDIP and SCBPS)

**FY 2009 Funding Level (\$ in Thousands):** \$1,500 (CDIP & SCBPS)

**Member's FY 2010 Funding Request (\$ in Thousands):** \$996

**Type of Entity:** University

**Number of Jobs Created:** One new position would be created with funding. CDIP wave data is an integral part of navigating ships in and out of Coos Bay, paramount to marine operations and coastal studies in the region, and essential to supporting this workforce.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill  
REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Tillamook Bay and Bar

**Project Recipient Name, Phone Number, Address:**

Port of Garibaldi  
402 South 7<sup>th</sup> Street  
Garibaldi, OR 97118  
503-322-3292

**Project Location (if different from above):** Same as above

**Project Purpose:** This project would repair and restore the Tillamook Bay Jetties. This is urgently needed because the north and south jetties at the entrance to Tillamook Bay have experienced damage to both jetty heads, trunks and north jetty root.

**Project Benefit to the Taxpayer:** Maintaining the federal channel improves the safety of fishermen and other boaters around the Port of Garibaldi. In addition, the Port of Garibaldi is a port of refuge, and it must remain a passable channel.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$1,850

**FY 2009 Funding Level (\$ in Thousands):** \$1,048

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,000

**Type of Entity:** Local Government

**Number of Jobs Created:** Approximately 20 construction jobs and 2 federal jobs lasting for the duration of construction, and 11 service-type jobs lasting for the duration of construction. In addition, the completed project will help the Port to create jobs in the future.

**New Study or Construction Start (Y/N):** N



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Hooley Digester Expansion Project

**Project Recipient Name, Phone Number, Address:**

Port of Tillamook Bay  
4000 Blimp Blvd.  
Tillamook, OR 97141  
503-842-2413

**Project Location (if different from above):** same as above

**Project Purpose:** This project will expand an existing green power generation facility to increase output to one megawatt of power.

**Project Benefit to the Taxpayer:** This project will allow for expansion of dairy farming in the area and will increase jobs related to the operation and maintenance of the facility. Successful completion of this project will open opportunities for additional companion projects such as a gasification plan to process animal carcasses, greenhouses, and bagged fiber storage to support the nursery industry.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,058

**Type of Entity:** Local Government

**Number of Jobs Created:** This project is expected to create 20 construction jobs and 4 new permanent jobs at the facility. It will also help to retain jobs and create dozens of secondary jobs in the support industries of trucking, mechanics, and other participating dairies.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Biofuels: Renewable Technology & Education Center (RTEC)

**Project Recipient Name, Phone Number, Address:** Chemeketa Community College; 503-399-6591; 4000 Lancaster Drive NE, Salem OR 97309

**Project Location (if different from above):** Mill Creek Junction (4725 Turner Rd. SE, Salem, OR 97301), home of Oregon's largest biodiesel production facility and Oregon's only dedicated biofuels analytic laboratory

**Project Purpose:** RTEC is a collaborative effort between Chemeketa, Pacific Biodiesel Technologies and Wildwood Inc. This project would develop a regional, pilot-scale biofuel technology and education center. RTEC would advance biofuel processing technologies and will provide dedicated space for students to train alongside engineers engaged in developing and commercializing renewable technologies such as biofuels. Graduates will support a variety of industries, from manufacturing to green energy.

**Project Benefit to the Taxpayer:** RTEC will be a national model for energy independence and workforce development. RTEC will provide a facility (privately funded) for existing and emerging companies to develop abundant, clean, renewable energy that reduces greenhouse gas emissions while enhancing energy efficiency. RTEC will create immediate jobs, develop and hone a skilled workforce in process technology, and help keep manufacturing jobs in the US.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0



**FY 2009 Funding Level (\$ in Thousands): \$0**

**Member's FY 2010 Funding Request (\$ in Thousands): \$1,000**

**Type of Entity:** University

**Number of Jobs Created:** 450

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** East Valley Water District Drift Creek Project

**Project Recipient Name, Phone Number, Address:** East Valley Water District, P.O. Box 1047, Mt. Angel, Oregon 97362, phone 503-763-1833

**Project Location (if different from above):** The proposed Drift Creek Reservoir encompasses approximately 240 acres in Marion County, Oregon, approximately 12 miles south-southeast of Silverton, Oregon.

**Project Purpose:** This project would finalize development studies for an 18,000 acre foot reservoir and piping system to replace irrigation water in a groundwater limited area. The proposed reservoir would store and release water to agriculture producers in the region who are now in an area where the water quality is limited. Any loss of water supply could severely hamper agricultural production, and endanger the local rural economy. The reservoir would also have the capability of improving water quality and fish habitat. Food processing firms in the area provide secondary economic benefits.

**Project Benefit to the Taxpayer:** Without the reservoir, agricultural producers would have a limited water supply and would lose production that supports the local economy. Food processing and secondary agriculture related jobs could be lost. Water storage provides a more stable supply to support community jobs and retain and expand agricultural production in this key agricultural area. There will also be ecological benefits.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands): \$500**

**Type of Entity:** Local Government

**Number of Jobs Created:** approximately 13 and retaining existing jobs that would be lost if water supply diminished

**New Study or Construction Start (Y/N): Y**



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Yaquina Bay (Port of Newport) Maintenance Dredging

**Project Recipient Name, Phone Number, Address:**

Port of Newport  
600 S.E. Bay Boulevard  
Newport, OR 97365  
(541) 265-7758

**Project Location (if different from above):** Same as above

**Project Purpose:** Funding is requested for annual maintenance dredging needed of Yaquina Bay and Harbor, as authorized by the Rivers and Harbor Act of: 14 Jun 1880, 2 Mar 1919, 26 Aug 1937, 2 Mar 1945, 24 Jul 1946, 3 Jul 1958. Section 107 Project: 14 Jul 1960.

**Project Benefit to the Taxpayer:** Annual maintenance dredging is required to keep the Port of Newport accessible to vessels and barges that call upon it. These vessels are critical to the City of Newport's economy.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$1,247

**FY 2009 Funding Level (\$ in Thousands):** \$1,790

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,790

**Type of Entity:** Local Government

**Number of Jobs Created:** This project would create 6-10 skilled personnel jobs for a few days; however, hundreds of jobs in the surrounding community are dependent on the fishing, boating, and tourism jobs created by the Port.

**New Study or Construction Start (Y/N):** N

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akim - Wyden (4-0234) and Courtney Thompson - Merkley (4-7648)

Project Name: Yachima Bay (Port of Newport) Maintenance Dredging

Project Recipient Name, Phone Number, Address:

Port of Newport  
600 S.E. Bay Boulevard  
Newport, OR 97365  
(541) 262-7728

Project Location (If different from above): Same as above

Project Purpose: Funding is requested for annual maintenance dredging needed at Yachima Bay and Harbor, as authorized by the Rivers and Harbor Act of 14 Jan 1880, 2 Mar 1919, 26 Aug 1937, 2 Mar 1945, 24 Jul 1946, 3 Jul 1958, Section 107 Project: 14 Jul 1960.

Project Benefit to the Taxpayer: Annual maintenance dredging is required to keep the Port of Newport accessible to vessels and barges that call upon it. These vessels are critical to the City of Newport's economy.

Agency: Army Corps of Engineers

Program Account Name and sub account if applicable: ACOE - Operations and Maintenance

FY 2008 Funding Level (\$ in Thousands): \$1,347

FY 2009 Funding Level (\$ in Thousands): \$1,790

Member's FY 2010 Funding Request (\$ in Thousands): \$1,790

Type of Entity: Local Government

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Depoe Bay

**Project Recipient Name, Phone Number, Address:**

Port of Depoe Bay

PO Box 899

Depoe Bay, OR 97341

Contact: City Councilor Jack Brown

Tel: (541) 765-2633

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested to perform necessary project condition surveys, guide wall monitoring, and environmental compliance for maintenance dredging authorized by the Rivers and Harbor Act of: 26 Aug 1937, 2 Mar 1945. Section 107 Project in 1960.

**Project Benefit to the Taxpayer:** Maintenance dredging is essential if the Port is to continue to serve the vessels and barges that call upon it. If the Port were to close due to insufficient access, the surrounding economy would suffer. The Port is also home to a U.S. Coast Guard station.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$118



**Type of Entity:** Local Government

**Number of Jobs Created:** 6-10 skilled personnel jobs would be created by this project for a few days, however the dredging sustains many jobs dependent on fishing, recreation and tourism. The project also supports the U.S. Coast Guard Station located in Depoe Bay.

**New Study or Construction Start (Y/N):** N

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Westport Slough Federal Navigation Channel

**Project Recipient Name, Phone Number, Address:**

Clatsop County  
800 Exchange Street, Room 100  
Astoria, OR 97103  
(503) 325-8611

**Project Location (if different from above):** Westport Slough, in Clatsop County, Oregon

**Project Purpose:** Perform maintenance dredging on a federally authorized navigation project that has maintenance dredging 'temporarily' suspended in the mid-1990s. The channel has shoaled in from an authorized depth of 28 feet to less than 7 feet. The channel can no longer be used safely by ocean going and larger river vessels, effectively blocking commerce.

**Project Benefit to the Taxpayer:** Restoration of Westport Slough restore the marine terminal to export rock products locally and coastwise (in competition with rock exports from Canada); restores marine repair facility; restores river access facility; restores safe inter-state ferry operations; allows development of biomass energy facility; in conjunction, adds up to 12 new jobs and significant private investment in new infrastructure.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$450

**Type of Entity:** Local government

**Number of Jobs Created:** Twelve

**New Study or Construction Start (Y/N):** N



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Community Based Renewable Energy Projects (CBREP's)

**Project Recipient Name, Phone Number, Address:** Mid Columbia Council of Governments (MCCOG), 541-298-4101, 1113 Kelly Ave., The Dalles, OR 97058

**Project Location (if different from above):** same as above

**Project Purpose:** The project purpose is to identify and build community based renewable projects. These projects would be owned in part and /or in whole by local governments. These projects will produce renewable energy, help establish a distributed load model and provide financial stability for local governments.

**Project Benefit to the Taxpayer:** Long term these projects would be providing financial resources to local governments. Local jobs will be created for operation and maintenance of the facilities, small scale bio-mass facilities will assist in forest health management and provide renewable power. Small scale hydro would use existing diversions and wind will utilize small parcels of land.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$800

**Type of Entity:** Local Government

**Number of Jobs Created:** 2.5 initially, 100 plus long term

**New Study or Construction Start (Y/N):** Y

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Leah Akin - Wyden (4-0234) and  
Courtney Thompson - Merkley (4-7648)

Project Name: Community Based Renewable Energy Projects (CBREP's)

Project Recipient Name, Phone Number, Address: Mid Columbia Council of  
Governments (MCCOG), 241-298-4101, 1113 Kelly Ave., The Dalles, OR 97058

Project Location (if different from above): same as above

Project Purpose: The project purpose is to identify and build community based  
renewable projects. These projects would be owned in part and for in whole by local  
governments. These projects will produce renewable energy, help establish a distributed  
load model and provide financial stability for local governments.

Project Benefit to the Taxpayer: Long term these projects would be providing financial  
resources to local governments. Local jobs will be created for operation and maintenance  
of the facilities. Small scale bio-mass facilities will assist in forest health management and  
provide renewable power. Small scale hydro would use existing diversions and wind will  
utilize small parcels of land.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency  
and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 2500

Type of Entity: Local Government

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Paisley School Geothermal Heat Project

**Project Recipient Name, Phone Number, Address:** Paisley School District #11. 541-943-3111 P.O. Box 300, Paisley, Or. 97636, Contact: Mark Jeffery, Superintendent.

**Project Location (if different from above):** same as above

**Project Purpose:** This project will replace the original fossil fueled heating equipment dating to 1911 with sustainable geothermal heat, completely eliminating carbon based fuel for the district facilities. It also removes the risk of heating fuel escalation from the district budget.

**Project Benefit to the Taxpayer:** This rural school is essential to the survival of the community, without it children will be bused more than 50 miles forcing families out of the community. By eliminating fossil fuel use the school will be a model for others to emulate.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,850

**Type of Entity:** Local Government

**Number of Jobs Created:** 18 construction, one permanent



**New Study or Construction Start (Y/N):** Yes - Study and construction

Member: Senators Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akim - Wyden (4-0374) and Courtney Thompson - Merkley (4-7648)

Project Name: Paisley School Geothermal Heat Project

Project Recipient Name, Phone Number, Address: Paisley School District #11, 241-943-3111 P.O. Box 380, Paisley, OR 97636, Contact: Mark Jeffrey, Superintendent.

Project Location (if different from above): same as above

Project Purpose: This project will replace the original fossil fueled heating equipment dating to 1911 with sustainable geothermal heat, completely eliminating carbon based fuel for the district facilities. It also removes the risk of heating fuel escalation from the district budget.

Project Benefit to the Taxpayer: This rural school is essential to the survival of the community, without it children will be bused more than 50 miles forcing families out of the community. By eliminating fossil fuel use the school will be a model for others to emulate.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): \$1,850

Type of Entity: Local Government

Number of Jobs Created: 18 construction, one permanent

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Paisley Geothermal Power Plant Project Phase 1

**Project Recipient Name, Phone Number, Address:**

Surprise Valley Electrification Corp. P. O. Box 691, Alturas, CA 96101 (530) 233-3511

**Project Location (if different from above):** Paisley, OR 97636

**Project Purpose:** To construct a Community Geothermal Power Plant using known Geothermal resources in Paisley, OR that will satisfy SVEC load growth (with renewable electricity) and create conditions for secondary businesses such as aqua-culture, green houses, and district heating systems for Paisley.

**Project Benefit to the Taxpayer:** The power plant is the center piece to the community's energy future. It is sustainable, reducing green house gas emissions while providing an economic base for the community of Paisley. This project is an outstanding example of what rural communities can do to help with energy pricing and independence.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,500

**Type of Entity:** Not-for-Profit

**Number of Jobs Created:** 15 construction, two permanent

New Study or Construction Start (Y/N): Y

## REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akin - Wyden (4-0274) and  
Courtney Thompson - Merkley (4-7648)

Project Name: Paisley Geothermal Power Plant Project Phase 1

Project Recipient Name, Phone Number, Address:  
Sutcliffe Valley Electrication Corp. P. O. Box 691, Almas, CA 96101 (530) 333-3211

Project Location (if different from above): Paisley, OR 97636

Project Purpose: To construct a Community Geothermal Power Plant using known  
Geothermal resources in Paisley, OR that will satisfy SVHC load growth (with renewable  
electricity) and create conditions for secondary businesses such as aquaculture, green  
houses, and district heating systems for Paisley.

Project Benefit to the Taxpayer: The power plant is the center piece to the  
community's energy future. It is sustainable, reducing green house gas emissions while  
providing an economic base for the community of Paisley. This project is an outstanding  
example of what rural communities can do to help with energy pricing and independence.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency  
and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 21,200

Type of Entity: Not-for-Profit

Number of Jobs Created: 12 construction, two permanent



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Henley Schools Geothermal Project

**Project Recipient Name, Phone Number, Address:** Klamath County School District, 10501 Washburn Way, Klamath Falls, OR 97603  
541-883-5000 ext. 261

**Project Location (if different from above):** 8245 Hwy 39, Klamath Falls, OR 97603

**Project Purpose:** This project will utilize an existing geothermal heat source to provide heating for Henley High School. The project consists of modifications to the existing school building heating system to better utilize the geothermal resource, new building HVAC controls, and a new injection well and pipeline to return the geothermal discharge to the producing aquifer.

**Project Benefit to the Taxpayer:** The primary benefit is reduction in natural gas use and cost for school building heating. Secondary benefits include reduced electrical energy use, better classroom temperature control, reduced classroom noise, improved classroom indoor air quality, reduced greenhouse gas emissions, eliminating geothermal discharge to surface water, and construction jobs.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,270.75

**Type of Entity:** Local Government

**Number of Jobs Created:** Approximately 25-30 jobs

**New Study or Construction Start (Y/N):** Y

## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Savage Rapids Dam

**Project Recipient Name, Phone Number, Address:** Grants Pass Irrigation District, 200 Fruitdale Dr., Grants Pass, OR 97527. 541-476-2582

**Project Location (if different from above):** same as above

**Project Purpose:** To complete installation and operation of electric pumps to replace the Savage Rapids Dam on the Rogue River in Oregon. This will restore upstream habitat for endangered fisheries. Initial work on partial dam deconstruction has begun, a coffer dam is being built, the pumps are expected to be ready for the upcoming irrigation season and dam removal is expected in fall 2009.

**Project Benefit to the Taxpayer:** It provides irrigation to over 7,000 water patrons, replaces an expensive and aging dam, and restores significant portions of the Rogue Wild & Scenic River to a free-flowing river which will protect hundreds of miles of upstream habitat for endangered fisheries. This request is the final addition of funding and will complete the project. Approximately \$35 million has been invested in this project to date.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$14,760

**FY 2009 Funding Level (\$ in Thousands):** \$3,000

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,200

**Type of Entity:** Local Government



**Number of Jobs Created:** Total project construction expenditures are estimated to create at least 280 jobs.

**New Study or Construction Start (Y/N):** No

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Water for Irrigation Streams and Economy (WISE) FS/EIS, Oregon

**Project Recipient Name, Phone Number, Address:**

City of Medford  
411 W 8<sup>th</sup> Street,  
Medford, Oregon 97501  
(541) 774-2108

**Project Location (if different from above):** Rogue River Valley in Jackson and Klamath Counties

**Project Purpose:** As authorized in P.L.110-229 for Little Butte/Bear Creek Sub basins, this project would complete the federally required Feasibility Study & Environmental Impact Statement (FS/EIS) for the WISE Project in order to dramatically improve the water resources infrastructure within the Bear Creek and Little Butte Creek watersheds in Jackson County, southern Oregon. This pivotal effort will enhance the viability of regional agriculture, critical habitat, and quality of life.

**Project Benefit to the Taxpayer:** This project will reduce pollution in local streams as well as return conserved water to increase instream flows critical to addressing ESA and Clean Water Act issues in the area. The local economy will be improved including agriculture, recreation and tourism. As a result, the local communities will experience improved recreational opportunities, cleaner rivers and streams with more water. Senior priority water rights will be transferred to the public.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,500

**Type of Entity:** Local Government

**Number of Jobs Created:** More than 25 people.

**New Study or Construction Start (Y/N):** N



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Port of Umpqua Maintenance Dredging and Jetty Evaluation and Repair

**Project Recipient Name, Phone Number, Address:**

Port of Umpqua  
364 N 4<sup>th</sup> Street, PO Box 388  
Reedsport, OR 97467  
541-271-2232

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested for annual maintenance dredging for safe transit of commercial and recreational vessels. Funding is also requested for an evaluation report for the port's failing jetties. This project is authorized by the Rivers and Harbor Act of: 22 Sep 1922, 21 Jan 1927, 3 Jul 1930, 30 Aug 1935, 20 Jun 1938, 2 Mar 1945, 30 Jun 1948, 3 Sep 1954, 14 Jul 1960.

**Project Benefit to the Taxpayer:** Annual dredging is needed to maintain the Port's ability to host commercial and recreational vessels which are a vital component to the surrounding community's economy.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$1,370

**FY 2009 Funding Level (\$ in Thousands):** \$1,130

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,174

**Type of Entity:** Local Government

**Number of Jobs Created:** The actual dredging process would create 6-10 skilled personnel jobs for a few weeks but the project maintains several hundred jobs in the local community.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Rogue River Maintenance Dredging, Gold Beach

**Project Recipient Name, Phone Number, Address:**

Port of Gold Beach

PO Box 1126, 29891 Harbor Way

Gold Beach, OR 97444

541-247- 6269

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested for the Port of Gold Beach to dredge the entrance channel to its authorized depth of 13 feet, for the pipe line dredging, for the boat basin and disposal site evaluation, and for evaluation of the north and south jetty, as authorized by the Rivers and Harbor Act of: 3 Sep 1954.

**Project Benefit to the Taxpayer:** Maintenance dredging is necessary for the Port to maintain its operations, including hosting essential commercial fishing and recreational boating that support the local economy.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$427

**FY 2009 Funding Level (\$ in Thousands):** \$545

**Member's FY 2010 Funding Request (\$ in Thousands):** \$978

**Type of Entity:** Local Government



**Number of Jobs Created:** This project would create 6-10 skilled personnel jobs for a few days, however, the dredging sustains many jobs dependent on fishing, boating, and tourism.

**New Study or Construction Start (Y/N):** N

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Port Orford Maintenance Dredging and Breakwater Repair

**Project Recipient Name, Phone Number, Address:**

Port of Port Orford  
205 Dock Road  
Port Orford, OR 97465  
541-332-7121

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested to remove 40,000 cubic yards of sand from the Federal Navigation Channel at the Port of Port Orford as authorized by the Rivers and Harbor Act of: 27 Oct 1965, 31 Dec 1970. Modification; WRDA 92; and to repair the Port's breakwater.

**Project Benefit to the Taxpayer:** When there are insufficient water depths in the harbor, boats are unable to launch and go about their business of fishing. Boats are also unable to be retrieved in case of emergency, thereby creating a hazard to life and property.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$308

**FY 2009 Funding Level (\$ in Thousands):** \$387

**Member's FY 2010 Funding Request (\$ in Thousands):** \$4,258

**Type of Entity:** Local Government

**Number of Jobs Created:** This project would employ 6-10 skilled personnel for a few days, but over 120 jobs in the local community depend on the sufficient depth of the harbor.

**New Study or Construction Start (Y/N):** N



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Chetco River Maintenance Dredging

**Project Recipient Name, Phone Number, Address:**

Port of Brookings Harbor  
16408 Lower Harbor Road  
Brookings Harbor, OR 97415  
541-469-2218

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested for the dredging of the Port of Brookings Harbor, including dredging for the entrance channel 14 feet deep and 120 feet wide; a barge turning basin 14 feet deep, 250 feet wide and 650 feet long; and a commercial boat access channel 14 feet deep, 200 feet long and 100 feet wide, as authorized by the Rivers and Harbor Act of: 2 Mar 1945, 27 Oct 1965, 4 Dec 1981 Modification; WRDA 92.

**Project Benefit to the Taxpayer:** Without a safe and reliable entrance to the Port, the surrounding community would lose millions of dollars from commercial and sport fishing, as well as numerous jobs that depend on the Port being dredged.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY2008 Funding Level (\$ in Thousands):** \$409

**FY 2009 Funding Level (\$ in Thousands):** \$533

**Member's FY 2010 Funding Request (\$ in Thousands):** \$577

**Type of Entity:** Local Government

**Number of Jobs Created:** This project would employ 6-10 skilled personnel for a few days, however the fishing industry currently employs around 300 people in the surrounding area and they depend on channel dredging from port access. Sport fishing and boating also attract many tourists to the area, which is a key component of the community's economic base.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Coquille River (Port of Bandon) Maintenance Dredging

**Project Recipient Name, Phone Number, Address:**

Port of Brandon

PO Box 206 Bandon, OR 97411.

541-347-3206

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested to dredge the entrance channel to the depth of 13 feet as authorized by the Rivers and Harbor Act of: 14 Jun 1880, 13 Jul 1892, 25 Jun 1910, 2 Mar 1919, 3 Jul 1930, 30 Aug 1935, 2 Mar 1945. Section 107 Project 14 Jul 1960; and for the north and south jetty evaluation.

**Project Benefit to the Taxpayer:** Maintenance dredging is essential if the Port is to continue to serve the vessels and barges that call upon it. The Port of Bandon is a vital part of Bandon's economy and if the Port were to close because vessels could not access it, the Oregon economy would suffer.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$255

**FY 2009 Funding Level (\$ in Thousands):** \$285

**Member's FY 2010 Funding Request (\$ in Thousands):** \$578

**Type of Entity:** Local Government



**Number of Jobs Created:** This project would create 6-10 skilled personnel jobs for a few days, however, hundreds of jobs in the surrounding community are dependent on the fishing, boating, and tourism jobs created by the Port.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Coos Bay Maintenance Dredging & Jetty Repair

**Project Recipient Name, Phone Number, Address:**

Oregon International Port of Coos Bay  
125 Central Ave, Suite 300  
Coos Bay, OR 97420  
(541) 267-7678

**Project Location (if different from above):** same as above

**Project Purpose:** Funding is requested to perform annual maintenance dredging and emergency repairs to the jetty, as authorized by the Rivers and Harbors Act of 1910. Maintenance dredging is essential if the Port is to continue to serve the vessels and barges currently calling at Coos Bay. Repair of the jetty is essential, as a significant breach would have major impacts on navigation and would prohibit any useful function of the jetty.

**Project Benefit to the Taxpayer:** The Port is a vital part of the Coos Bay region and local economy, which is highly dependent on export of forest products, principally woodchips and logs. Finished lumber is marketed nationally and internationally. Additionally, with the construction of the LNG import facility, the nation's energy needs will be supplemented by this project.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – Operations and Maintenance

**FY 2008 Funding Level (\$ in Thousands):** \$5,609

**FY 2009 Funding Level (\$ in Thousands):** \$4,624

**Member's FY 2010 Funding Request (\$ in Thousands):** \$5,043

**Type of Entity:** Local Government

**Number of Jobs Created:** This project would create 6-10 skilled personnel jobs for a few days; however, this project will maintain over 1,060 family-wage jobs in the Coos Bay community.

**New Study or Construction Start (Y/N):** N



# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Springwater/Johnson Creek Restoration

**Project Recipient Name, Phone Number, Address:** City of Gresham, OR, 1333 NW Eastman Pkwy, Gresham, OR 97030. 503-793-5023

**Project Location (if different from above):** Same as above.

**Project Purpose:** The Springwater Industrial Area Johnson Creek Improvements project in Gresham, Oregon will implement Phase I of a suite of restoration projects designed to address flood risk mitigation and natural resource functions of Johnson Creek within the Springwater Industrial Area and to meet federal environmental requirements.

Authorization language for this project was included in the final version of the FY 2008 Water Resources Development Act (P.L. 110-114, Sec. 1006, #34)

**Project Benefit to the Taxpayer:** The Springwater Industrial Area is planned to provide 18,000 jobs at build-out. This project is a cost-effective improvement within an area slated for industrial development in the near-term and will help leverage private development by proactively addressing important stream corridor needs while simultaneously creating jobs. Industrial development would not have to bear the costs of these needed stream improvements if Gresham receives these federal funds, making the area more attractive for near-term development investments and job creation.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – General Construction

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands): \$200**

**Type of Entity:** Local Government

**Number of Jobs Created:** 36 direct jobs, and possibly 900 jobs developing in the future

**New Study or Construction Start (Y/N):** Yes – New Study



## **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

### **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Columbia Slough Section 1135 Restoration Project

**Project Recipient Name, Phone Number, Address:** City of Portland, 1221 SW 4<sup>th</sup> Ave, Portland, Oregon 97204. 503-823-3013

**Project Location (if different from above):** same as above

**Project Purpose:** The project will restore habitat and improve water quality on the Columbia Slough. This final phase consists of a major culvert replacement where NE 33<sup>rd</sup> Avenue crosses the Slough. This culvert, which is too small and too high in the waterway, is a major barrier to flow in the Slough. Replacing this culvert will improve water quality and allow emergent wetland habitat to re-establish itself seasonally.

**Project Benefit to the Taxpayer:** The Slough is a unique resource providing critical habitat for a wide variety of wildlife and is a refuge for salmonids. It is also on the Pacific Flyway and other migratory bird pathways and provides a vital corridor for wildlife movement in the region. The project also enables further economic development of the Columbia-South Shore area in the City of Portland. The project will create construction jobs and once completed, will improve recreation use on the Slough.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – General Construction

**FY 2008 Funding Level (\$ in Thousands):** \$26

**FY 2009 Funding Level (\$ in Thousands):** \$44

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,800



**Type of Entity:** Local Government

**Number of Jobs Created:** Estimated 12-20 seasonal and recreational jobs will be generated in the long term in addition to the short term construction jobs.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** OIT Green Technology Center

**Project Recipient Name, Phone Number, Address:**

Oregon Institute of Technology  
3201 Campus Drive  
Klamath Falls, Oregon 97601  
541.885.1112

**Project Location (if different from above):**

OIT Portland East Campus  
7726 SE Harmony Rd.  
Portland, Oregon 97222

**Project Purpose:** Funding is requested for the first stage of a Green Technology Center (GTC) at its Portland East Campus. The funds would go towards equipment for three new renewable energy laboratories and minor renovations of existing space. The GTC will be developed within an existing 56,000 square foot gym at OIT's East Campus. The three laboratories include a Building Systems Laboratory, Electrochemical Energy Systems Laboratory and Thermal Power Systems Laboratory.

**Project Benefit to the Taxpayer:** The objectives of the Green Tech Center are to educate the next generation of energy engineers by providing ample opportunity for a relevant, hands-on energy engineering education, support student projects and foster applied research and encourage industry-academia partnerships that facilitate energy engineering education and the development of energy-related products, services and solutions.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$500

**Type of Entity:** University

**Number of Jobs Created:** The project will create 10 temporary jobs

**New Study or Construction Start (Y/N):** N

Project Location (If different from above):  
OIT Portland East Campus  
7726 SE Harmony Rd  
Portland, Oregon 97222

Project Purpose: Funding is requested for the first stage of a Green Technology Center (GTC) at its Portland East Campus. The funds would go towards equipment for three new renewable energy laboratories and minor renovations of existing space. The GTC will be developed within an existing 56,000 square foot gym at OIT's East Campus. The three laboratories include a Building Systems Laboratory, Electrochemical Energy Systems Laboratory and Thermal Power Systems Laboratory.

Project Benefit to the Taxpayer: The objectives of the Green Tech Center are to educate the next generation of energy engineers by providing ample opportunity for relevant, hands-on energy engineering education, support student projects and foster applied research and encourage industry-academia partnerships that facilitate energy engineering education and the development of energy-related products, services and solutions.

Agency: Department of Energy



# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Green Building Research Laboratory

**Project Recipient Name, Phone Number, Address:**

Portland State University  
PO Box 751  
Portland, OR 97203  
503-725-9818

**Project Location (if different from above):** same as above

**Project Purpose:** The Green Building Research Lab (GBRL) at Portland State University is a university-industry partnership for the advancement of the green building industry. The lab's mission is to develop and test new green building technologies, provide workforce training, and facilitate the adoption of energy efficient technology throughout the building industry.

**Project Benefit to the Taxpayer:** Reducing energy consumption and training a green workforce. With the building sector consuming 40% of energy, the GBRL will be researching and producing innovative technology reducing our nation's building energy consumption while training a work force to implement the tech transfer.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,000

**Type of Entity:** University

**Number of Jobs Created:** Approximately 4 to 6. In the long term, this project will create and support University faculty positions dedicated to cutting edge work in sustainability and green building research.

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Bridge Hydro-Turbine Study

**Project Recipient Name, Phone Number, Address:**

Multnomah County  
501 SE Hawthorne, Suite 600  
Portland, OR, 97215  
503.988.5219

**Project Location (if different from above):** same as above

**Project Purpose:** Project would help determine optimal size, number and placement of hydro-electric turbines, and amount of electrical power that may be generated to determine the potential of generating 1,000,000 kWh per year from this clean and constant source of energy. Study would compare generation costs to grid power, to other renewable power generation technologies, and to the cost of Renewable Energy Credits.

**Project Benefit to the Taxpayer:** Generating clean hydro electricity from the river flowing through Portland will help decrease the County's energy costs. Low-flow hydro electricity is a potential sector of future business growth and it could have applications around the country.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$150



**Type of Entity:** Local Government

**Number of Jobs Created:** Approximately 3

**New Study or Construction Start (Y/N):** Y

REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_ of \_\_\_

Member Staff Contact (name and direct phone #): Isaiah Allen - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Bridge Hydro-Turbine Study

Project Recipient Name, Phone Number, Address:

Multnomah County  
501 SE Hawthorne, Suite 600  
Portland, OR 97215  
503.988.3219

Project Location (If different from above): same as above

Project Purpose: Project would help determine optimal size, number and placement of hydro-electric turbines, and amount of electrical power that may be generated to determine the potential of generating 1,000,000 kWh per year from the clean and constant source of energy. Study would compare generation costs to grid power to other renewable power generation technologies, and to the cost of Renewable Energy Credits.

Project Benefit to the Taxpayer: Generating clean hydro electricity from the river flowing through Portland will help decrease the County's energy costs. Low-flow hydro electricity is a potential sector of future business growth and it could have applications around the county.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 50

FY 2009 Funding Level (\$ in Thousands): 50

Member's FY 2010 Funding Request (\$ in Thousands): \$150

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Greenberry ID Phase 3 Pipeline Project

**Project Recipient Name, Phone Number, Address:**  
Greenberry Irrigation District  
30742 Venell Place, Corvallis, OR 97333  
541-929-2942

**Project Location (if different from above):** South of Corvallis, Oregon

**Project Purpose:** Add pipeline and pump station infrastructure capacity to serve additional water needs for district members as well as serve conservation projects and potential projects in the area served by the district. These include Finley Wildlife Refuge, Muddy Creek Augmentation, Corvallis re-use, as well as conservation projects on private lands in the District

**Project Benefit to the Taxpayer:** Provides jobs in the area, long and short term, while providing capacity and lowering cost of water delivery on and off district.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** Water and Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$998.91

**Type of Entity:** Local Government

**Number of Jobs Created:** 4 construction, several long-term skilled and technical

New Study or Construction Start (Y/N): Y

REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akin - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Greenberry II Phase 3 Pipeline Project

Project Recipient Name, Phone Number, Address:

Greenberry Irrigation District  
30742 Venable Place, Corvallis, OR 97333  
541-929-2942

Project Location (if different from above): South of Corvallis, Oregon

Project Purpose: Add pipeline and pump station infrastructure capacity to serve additional water needs for district members as well as serve conservation projects and potential projects in the area served by the district. These include Finley Wildlife Refuge, Muddy Creek Augmentation, Corvallis re-use, as well as conservation projects on private lands in the District.

Project Benefit to the Taxpayer: Provides jobs in the area, long and short term, while providing capacity and lowering cost of water delivery on and off district.

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: Water and Related Resources

FY 2008 Funding Level (\$ in Thousands): 50

FY 2009 Funding Level (\$ in Thousands): 50

Member's FY 2010 Funding Request (\$ in Thousands): 598.91

Type of Entity: Local Government

Number of Jobs Created: 4 construction, several long-term skilled and technical



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill  
REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Oregon Solar Highway – Innovative Use of Solar Technology

**Project Recipient Name, Phone Number, Address:**

Oregon Dept of Transportation  
355 Capitol St NE, Room 115, Salem OR 97301  
503-986-3732;

**Project Location (if different from above):** Statewide potential, but initial projects will likely be in Portland General Electric's (PGE) service area because of the innovative public-private partnership established between PGE and ODOT.

**Project Purpose:** This project will develop and demonstrate the feasibility of solar power generating facilities on highway rights of way; identify and remedy regulatory constraints; and design, develop and implement a self-funding mechanism (publicly-supported "solar shares").

**Project Benefit to the Taxpayer:** This project will develop sustainable energy sources near loads, thereby eliminating line losses; add value to publicly owned rights of way; develop "home grown" energy, keeping energy dollars in state; create and sustain local jobs; support local renewable energy industry and jobs sector; and develop a mechanism to perpetuate the program into the future and scale it up in other locations in Oregon and throughout the country.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$951.5

**Member's FY 2010 Funding Request (\$ in Thousands): \$1,000**

**Type of Entity:** State Government

**Number of Jobs Created:** 300 to 350

**New Study or Construction Start (Y/N):** N

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Geothermal Power Generation Plant

**Project Recipient Name, Phone Number, Address:**

Oregon Institute of Technology  
3201 Campus Dr.  
Klamath Falls, OR 97601-8801  
541.855.1112

**Project Location (if different from above):** Same as above

**Project Purpose:** Federal funds would help OIT complete construction of an approximately 1 megawatt geothermal power plant on the OIT campus. The project would serve as a demonstration and educational training facility for OIT students and faculty. This would make OIT students more competitive in the business world and especially in the renewable energy market.

**Project Benefit to the Taxpayer:** When the Geothermal Power Generation Project is complete, OIT will be the only campus in the world to satisfy all of its electricity needs from a geothermal energy source. The plant could serve as a model for future plants. This one-of-a-kind project could contribute to distributed energy technology transfer, especially in rural areas where transmission lines are lacking or undersized to provide energy from larger and remote power plants.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$982.5

**FY 2009 Funding Level (\$ in Thousands):** \$1,522



**Member's FY 2010 Funding Request (\$ in Thousands): \$2,058**

**Type of Entity:** University

**Number of Jobs Created:** Approximately 5 construction jobs

**New Study or Construction Start (Y/N):** N

Member Staff Contact (name and direct phone #): Isaiah Alkin - Wyden (4-0274) and  
Courtney Thompson - Merkley (4-7648)

Project Name: Geothermal Power Generation Plant

Project Recipient Name, Phone Number, Address:

Oregon Institute of Technology  
3201 Campus Dr.  
Klamath Falls, OR 97601-8801  
541.852.1112

Project Location (if different from above): Same as above

Project Purpose: Federal funds would help OIT complete construction of an  
approximately 1 megawatt geothermal power plant on the OIT campus. The project  
would serve as a demonstration and educational training facility for OIT students and  
faculty. This would make OIT students more competitive in the business world and  
especially in the renewable energy market.

Project Benefit to the Taxpayer: When the Geothermal Power Generation Project is  
complete, OIT will be the only campus in the world to satisfy all of its electricity needs  
from a geothermal energy source. The plant could serve as a model for future plants. This  
one-of-a-kind project could contribute to distributed energy technology transfer,  
especially in rural areas where transmission lines are lacking or underutilized to provide  
energy from larger and remote power plants.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency  
and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 2982.2

FY 2009 Funding Level (\$ in Thousands): 21,522

# **FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

## **REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Wallowa County Integrated Biomass Energy Center

**Project Recipient Name, Phone Number, Address:**

Wallowa Resources

200 W North St. Enterprise, OR 97828

(541) 426-8053

**Project Location (if different from above):** Wallowa County, Oregon.

**Project Purpose:** To design and construct an integrated renewable energy facility utilizing woody biomass from public and private forest land, county landfills and other industrial waste to produce electricity and densified thermal products (i.e. pellets / briquettes). The facility creates an important additional market for forest products that help sustain the local economy while promoting forest health.

**Project Benefit to the Taxpayer:** Creates 17 direct and 34 indirect jobs in a county with high unemployment (over 17% in March 2009), while creating an important new market for biomass. Wallowa County has high forest mortality and increasingly frequent wildfires. Since 1987, the USFS has spent over \$140 million in the county for wildfire suppression. The project provides a small but important new source of domestic renewable energy – and one that could be replicable in other small rural communities.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,058

**Type of Entity:** Not-for-profit

**Number of Jobs Created:** 17 direct and 34 indirect

**New Study or Construction Start (Y/N):** Y - Construction Start



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Willamette River Environmental Dredging

**Project Recipient Name, Phone Number, Address:**

City of Portland

1221 SW 4<sup>th</sup> Ave, Portland, OR 97204

503-823-3010

**Project Location (if different from above):** same as above

**Project Purpose:** This is requested to pursue ecological restoration and contaminated sediment clean up in the Lower Willamette River in order to make substantial improvements in the ecological functioning of the River. This project has benefits for ESA listed Salmon populations, ensures a full range of feasible mitigation measures to meet federal standards for the Columbia Hydroelectric System and assists in identifying and implementing feasible floodplain restoration actions in the lower Willamette River.

**Project Benefit to the Taxpayer:** Assists in the restoration of Endangered Species Act (ESA) listed salmon population and accelerates implementation of habitat improvements, provides mitigation for Columbia Hydroelectric system and Willamette flood control system, and could also speed resolution of Portland Harbor Superfund related cost allocation and recovery activities which translates into time and money to complete site cleanup.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE – General Investigations

**FY 2008 Funding Level (\$ in Thousands):** \$160

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands): \$500**

**Type of Entity:** Local Government

**Number of Jobs Created:** During feasibility and analysis phase, approximately two to three high wage (engineers, biologists, architects) jobs; and during implementation about 15 construction jobs for five years.

**New Study or Construction Start (Y/N):** N



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Tualatin Basin Water Supply Project

**Project Recipient Name, Phone Number, Address:** Clean Water Services; (503) 681-3600; 2550 SW Hillsboro Highway, Hillsboro, OR 97123

**Project Location (if different from above):** Washington County, Oregon

**Project Purpose:** The Tualatin Basin Water Supply Project will explore solutions for meeting the growing municipal, industrial, agricultural and environmental water demands of Washington County. Water suppliers will be unable to meet public water supply needs unless additional sources are available by 2012. The economy, environment and quality of life in this region are dependent on long-term, reliable water sources for the future. The purpose of the Water Supply Project is to identify sources of water for meeting the competing needs.

**Project Benefit to the Taxpayer:** Washington County is the economic engine of Oregon, generating more state revenue than is returned to the area. Currently, the County is home to more than 260,000 jobs with an annual payroll of more than \$12 billion, generating nearly \$750 million in state income taxes. This project will ensure the proper resources are in place to support this economic activity.

**Agency:** Bureau of Reclamation

**Program Account Name and sub account if applicable:** BoR – Water & Related Resources

**FY 2008 Funding Level (\$ in Thousands):** \$246

**FY 2009 Funding Level (\$ in Thousands):** \$194

**Member's FY 2010 Funding Request (\$ in Thousands):** \$1,870



**Type of Entity:** Local Government

**Number of Jobs Created:** 75

**New Study or Construction Start (Y/N):** N

REQUEST FORM

Member: Senator Wyden and Merkley

Priority: \_\_\_ of \_\_\_

Member Staff Contact (name and direct phone #): Isaiah Akin - Wyden (4-0374) and Courtney Thompson - Merkley (4-7048)

Project Name: Tualatin Basin Water Supply Project

Project Recipient Name, Phone Number, Address: Clean Water Services; (503) 681-3800; 2520 SW Hillside Highway, Hillsboro, OR 97123

Project Location (if different from above): Washington County, Oregon

Project Purpose: The Tualatin Basin Water Supply Project will explore solutions for meeting the growing municipal, industrial, agricultural and environmental water demands of Washington County. Water supplies will be unable to meet public water supply needs unless additional sources are available by 2012. The economy, environment and quality of life in this region are dependent on long-term, reliable water sources for the future. The purpose of the Water Supply Project is to identify sources of water for meeting the competing needs.

Project Benefit to the Jurisdiction: Washington County is the economic engine of Oregon, generating more state revenue than is returned to the area. Currently, the County is home to more than 260,000 jobs with an annual payroll of more than \$12 billion, generating nearly \$750 million in state income taxes. This project will ensure the proper resources are in place to support this economic activity.

Agency: Bureau of Reclamation

Program Account Name and sub account if applicable: BOR - Water & Related Resources

FY 2008 Funding Level (\$ in Thousands): 2346

FY 2009 Funding Level (\$ in Thousands): 2194

Member's FY 2010 Funding Request (\$ in Thousands): 21,870

**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**

**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Integrated Forest Products Processing & Sorting Center

**Project Recipient Name, Phone Number, Address:**

Baker County

1995 Third Street, Baker City, OR 97814

(541)524-2038

**Project Location (if different from above):** Baker County, Oregon

**Project Purpose:** To acquire land and construct a facility that would utilize various wood products to their highest and best use. The project is a public-private partnership that would utilize biomass materials from private woodlands, state and federal forests for energy, heating and other uses.

**Project Benefit to the Taxpayer:** This project would create additional high-wage jobs in the wood products industry. It would also add revenue to the local jurisdictions' tax roles, allowing for more services. Finally, it brings outside revenue into the community, supporting retail and trade.

**Agency:** Department of Energy

**Program Account Name and sub account if applicable:** DOE - Electricity Efficiency and Renewable Energy

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands):** \$2,058

**Type of Entity:** Local Government

Number of Jobs Created: 30 direct

REQUEST FORM

New Study or Construction Start (Y/N): Yes - Construction Start

Member: Senators Wyden and Merkley

Priority: \_\_\_\_\_ of \_\_\_\_\_

Member Staff Contact (name and direct phone #): Isaiah Alkin - Wyden (4-0274) and Courtney Thompson - Merkley (4-7648)

Project Name: Integrated Forest Products Processing & Sorting Center

Project Recipient Name, Phone Number, Address:

Baker County  
1995 Third Street, Baker City, OR 97814  
(541) 524-2038

Project Location (if different from above): Baker County, Oregon

Project Purpose: To acquire land and construct a facility that would utilize various wood products to their highest and best use. The project is a public-private partnership that would utilize biomass materials from private woodlands, state and federal forests for energy, heating and other uses.

Project Benefit to the Taxpayer: This project would create additional high-wage jobs in the wood products industry. It would also add revenue to the local jurisdictions' tax roles, allowing for more services. Finally, it brings outside revenue into the community, supporting retail and trade.

Agency: Department of Energy

Program Account Name and sub account if applicable: DOE - Electricity Efficiency and Renewable Energy

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20

Member's FY 2010 Funding Request (\$ in Thousands): 25,028

Type of Entity: Local Government



**FY 2010 Energy and Water Development Subcommittee Appropriations Bill**  
**REQUEST FORM**

**Member:** Senators Wyden and Merkley

**Priority:** \_\_\_\_ of \_\_\_\_

**Member Staff Contact (name and direct phone #):** Isaiah Akin – Wyden (4-0274) and Courtney Thompson – Merkley (4-7648)

**Project Name:** Implementation of Tillamook Bay and Estuary General Investigations Feasibility Report - Blind Slough

**Project Recipient Name, Phone Number, Address:**

Tillamook County  
201 Laurel Ave, Tillamook OR 97141  
503 842-1809

**Project Location (if different from above):** same as above

**Project Purpose:** The Tillamook Bay estuary, once highly productive salmonid habitat, has been greatly modified during the past 150 years. Much of the productive habitat in the estuary has been lost, largely due to diking and draining of tidal marshes for agricultural purposes. This project seeks to provide additional estuarine wetland habitat by reconnecting main river channels, sloughs, and estuaries to off-channel areas and floodplains. The addition of high quality estuarine rearing habitat will greatly increase the carrying capacity of all estuarine dependent species.

**Project Benefit to the Taxpayer:** In addition to 12-14 full time jobs at prevailing wage rates during the construction phase, this project is on County owned property operated under a management plan that provides for public recreational use of the property.

**Agency:** Army Corps of Engineers

**Program Account Name and sub account if applicable:** ACOE - Flood Control and Coastal Emergencies

**FY 2008 Funding Level (\$ in Thousands):** \$0

**FY 2009 Funding Level (\$ in Thousands):** \$0

**Member's FY 2010 Funding Request (\$ in Thousands): \$400**

**Type of Entity: Local Government**

**Number of Jobs Created: 12-14**

**New Study or Construction Start (Y/N): Yes - Construction**

FY 2008 Funding Level (\$ in Thousands): 20

FY 2009 Funding Level (\$ in Thousands): 20